CORONAVIRUS

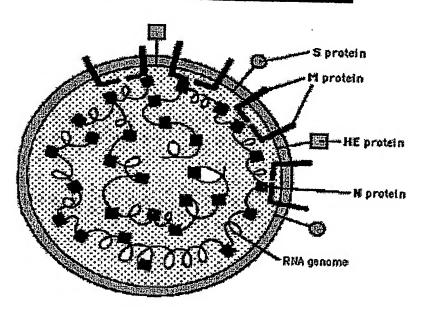


FIG. 1

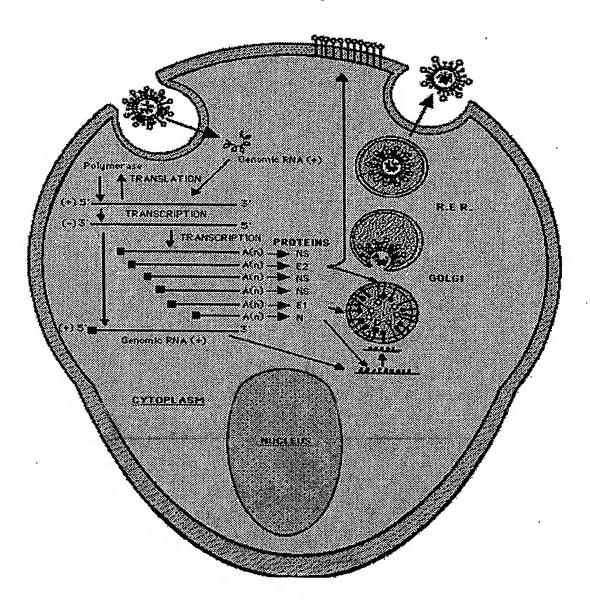


FIG. 2

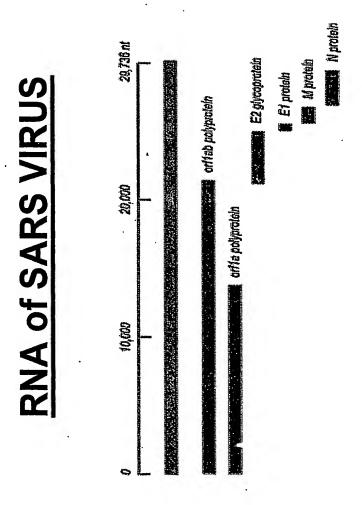
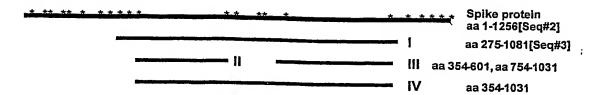


FIG. 3



* Denotes potential glycosylation site

FIG. 4

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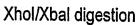
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SARs spike protein Pichia expression constructs

N-[AVDCS]	-C pPICZαA/SPv5/18
N-WEYSTREE - CONTROL - CON	pPlCZαA/SPv8/11
N-TVLY YQDV +C	pPICZαA/SPv6/33
N-AEQDRN GYHU-C	pPICZαA/SPv7/35

FIG. 5

SARs expression constructs verification by restriction digestion



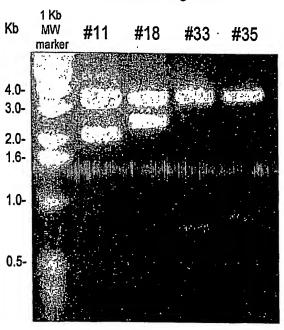
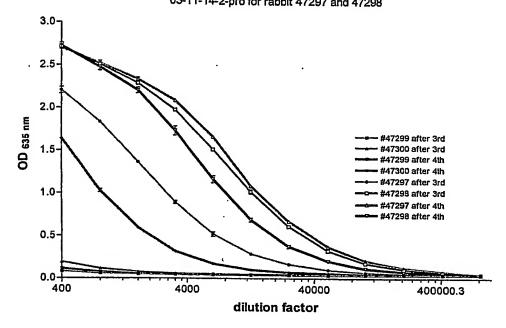


FIG. 6

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ELISA titers of rabbit serum against SARs spike protein 03-11-14-1-pro for rabbit 47299 and 47300 03-11-14-2-pro for rabbit 47297 and 47298

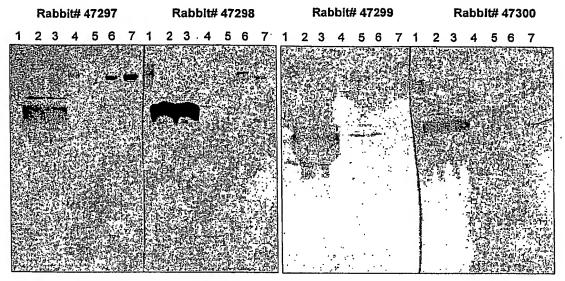


Peptide sequence to immunize rabbit #47297 and 47298: QILPDPLKPTKRSFI Peptide sequence to immunize rabbit #47299 and 47300: TRNIDATSTGNYNYKY

FIG. 7

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Western blot analysis



- 1. Seeblue Plus MW
 2. 20 ul of Complete DMEM+10% FBS control media
 3. 20 ul of Complete DMEM+10% FBS media from HEK293 cell transfected with spike protein
 4. 20 ul of Opti-MEM media from HEK293 cell transfected with spike protein
 5. 20 ul of Opti-MEM control media
 6. 1.2 ug of spike protein produced by VRC
 7. 1.1 ug of spike protein produced by PP

FIG. 8

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